

ABSTRACT OF THE DISCLOSURE

The surface mounting device includes: multiple conveyers installed at a predetermined position of a base frame and carrying a printed circuit board(PCB) to a parts mounting work position or discharging the PCB on which parts have been mounted, so that they can be moved in the X and Y-axis directions by a X-Y gantry installed on the base frame and can absorb parts supplied from a parts supply unit and the parts can be mounted by a head unit mounting the adsorbed parts on the PCB; and multiple multi-layer transfer units each installed at both ends of the conveyers and carrying the PCB to the PCB conveyers or loading the discharged PCB. The transfer speed of PCB is improved.